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INFORMATION ON THERMAL-ELECTRIC PLANTS
IN SIAN, URUMCHI, FOU-HSIN, AND T'AI-YUAN

[Summary: The recently completed Sian Thermal-electric Power Plant No 2 has twice the capacity of plant No 1. Sinkiang Province's largest Soviet-equipped thermal-electric power plant will be completed in Urumchi during the first half of 1954. The Fou-hsin thermal-electric power plant was expected to increase its physical plant by 10 percent in 1953. Soviet machines will soon do the work of 1,000 men in the T'ai-yuan thermal-electric power plant.]

SIAN PLANT NO 2 COMPLETED -- Peiping, Jen-min Jih-pao, 13 Aug 53

The No 2 Sian state-operated thermal-electric power plant in Shensi Province was completed on 9 October 1953. Although it has twice the capacity of Sian plant No 1, electric power in Sian Ch'u will be inadequate for the next 2 or 3 years. The plant, in the construction of which 16 Russian construction and installation experts played a major part, is equipped with the most modern Soviet machinery. Coal is unloaded from freight cars, processed, and fed to boilers by machines.

There are emergency devices that permit continuous operation and indicate the source of any breakdown. If a worker should begin to operate a machine incorrectly, the machine will stop automatically. This equipment has permitted the employment force, coal consumption, and operational costs all to be reduced.

Some of the work on this plant was of a superior quality. For example, turbine vibrations are only 2 percent of one millimeter, although the plans allowed for 7 percent. On the other hand, more than 100 million yuan was wasted by inferior workmanship and delay in the delivery of materials. There was friction between the cadres and poor discipline among the laborers and the masses.

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URUMCHI PLANT TO BE COMPLETED IN 1954 -- Tientsin, Ta Kung Pao, 27 Jul 53

More than 70 percent of a new thermal-electric plant has been completed in Urumchi. Twenty-five percent of the equipment has been installed. When this plant is completed during the first half of 1954, it will produce 140 percent more power than all other electric plants in Sinkiang Province.

All the equipment is of the latest Soviet manufacture. Production of electric power will be controlled automatically. There will be two regulating devices. If one fails to work, the other will automatically take over and provide a continuous and constant flow of current. Soviet specialists have trained 100 skilled workmen to operate the plant.

FOU-HSIN PLANT EXPANDS -- Hong Kong, Ta Kung Pao, 6 Oct 53

To expand its operations, the Fou-hsin Thermal-Electric Power Plant will have made a 10 percent increase in its physical plant by the end of 1953. Boilers, generators, water tanks, transformers, and buildings are being constructed and repaired.

T'AI-YUAN PLANT PRODUCTION UP -- Hong Kong, Ta Kung Pao, 27 Oct 53

Production of the T'ai-yuan Thermal-Electric Plant of Shansi Province in 1953 is up 300 percent over 1949. A major reconstruction program under Soviet guidance will be completed in 1957. Automatic machines will soon do the work of 1,000 men in supplying 1,000 tons of coal and removing 100 tons of ashes daily.

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